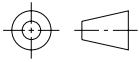
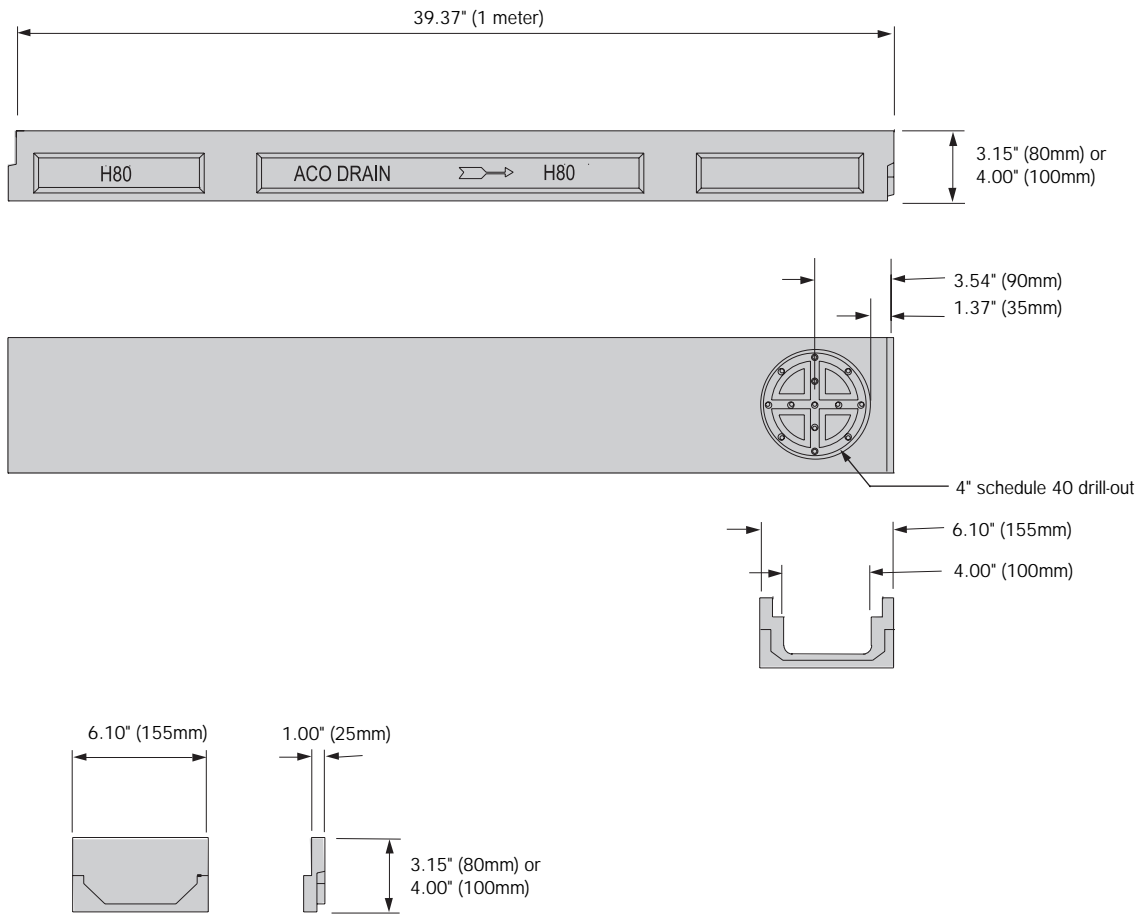


SlabDrain - H80/H100



H80/H100



Outlet flow rates

Product	Outlet size (Sch. 40)	Invert Depth	GPM	CFS
H80 channel	4" round	2.56	87	0.20
H100 channel	4" round	3.35	99	0.23

Specification Information

H80/H100 trench drain system



Description	Part No.	Invert Depth		Weight Lbs.
		inches	mm	
H80/H100 - Polyester polymer concrete				
H80 Neutral channel - 39.37" (1m)	00985	2.56	65	20.0
H100 Neutral channel - 39.37" (1m)	00549	3.35	85	25.0
H80 Polymer concrete closing cap				
H80 Polymer concrete closing cap	05935	2.56	65	1.0
H100 Polymer concrete closing cap	05939	3.35	85	1.0

Notes:

1. Add nominal 0.6" (15mm) to invert depth for overall channel depth
2. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
3. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)

Description	Part No.	Invert Depth		Weight Lbs.
		inches	mm	
CH80/CH100 - Vinyl Ester polymer concrete				
CH80 Neutral channel - 39.37" (1m)	05960	2.56	65	20.0
CH100 Neutral channel - 39.37" (1m)	05961	3.35	85	25.0
CH80 Vinyl ester closing cap				
CH80 Vinyl ester closing cap	05962	2.56	65	1.0
CH100 Vinyl ester closing cap	05963	3.35	85	1.0

Notes:

1. Add nominal 0.6" (15mm) to invert depth for overall channel depth
2. Preformed Sch. 40 4" dia. drill-out cast on underside of each channel
3. Use QuickLok/PowerLok grate removal tool to remove grates (Part # 01318)

Specifications

General

The surface drainage system shall be ACO Drain H80/H100* complete with gratings secured with 'QuickLok' as manufactured by ACO Polymer Products, Inc. or equal approved.

Materials

The trench system bodies shall be manufactured from polyester polymer concrete with minimum properties as follows:

Compressive strength: 14,000 psi
 Flexural strength: 4,000 psi
 Water absorption 0.07%
 Frost proof
 Salt proof
 Dilute acid and alkali resistant

The nominal clear opening shall be 4.00" (100mm) with overall width of 6.10" (155mm). Pre-cast units shall be manufactured with neutral invert and have a wall thickness of at least 0.50" (13mm). Each unit will feature a male to female interconnecting end profile. Units shall have horizontal cast in anchoring features on the outside wall to ensure maximum mechanical bond to the surrounding bedding material and pavement surface.

Grates

Grates should be specified. See separate ACO Spec Info grate sheets for details. After removal of grates and 'QuickLok' bar there shall be uninterrupted access to the trench to aid maintenance.

Installation

The trench drain system shall be installed in accordance with the manufacturer's installation instructions and recommendations.

*delete as appropriate

Specification Information

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 Re-order #DL144

